



NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

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WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE. If State Land submit 6 Copies

AREA 640 ACRES  
LOCATE WELL CORRECTLY

**John A. Yates** **Shell-State**  
(Company or Operator) (Lease)

Well No. **2**, in **NW**  $\frac{1}{4}$  of **SE**  $\frac{1}{4}$  of Sec. **23**, T. **18S.**, R. **37 E.**, NMPM.  
**Robbs** Pool, **Los** County.

Well is **1050** feet from **East** line and **2310** feet from **South** line of Section **23**. If State Land the Oil and Gas Lease No. is **8-9264**

Drilling Commenced **3-29-** 19 **56** Drilling was Completed **4-20-** 19 **56**

Name of Drilling Contractor **S. F. Yates Drilling Co.**

Address .....

Elevation above sea level at Top of Tubing Head..... The information given is to be kept confidential until ....., 19.....

OIL SANDS OR ZONES

No. 1, from **4108** to **4164** No. 4, from.....to.....  
**4108** to **4194** No. 5, from.....to.....

No. 2, from.....to..... No. 6, from.....to.....

No. 3, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to..... feet.

No. 2, from.....to..... feet.

No. 3, from.....to..... feet.

No. 4, from.....to..... feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
<b>8 3/8</b>		<b>New</b>	<b>341</b>				<b>Surface string</b>
<b>5 1/2</b>	<b>140</b>	<b>New</b>	<b>4262</b>			<b>See below</b>	<b>Production string</b>

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
	<b>8 3/8</b>	<b>341</b>	<b>100</b>	<b>Halliburton</b>		
	<b>5 1/2</b>	<b>4262</b>	<b>1200</b>	<b>Halliburton</b>		

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot)

**Perforated from 4257 to 4258, 4264 to 4265 and 4270 to 4270, with four shots per foot. Acidized all perforations with 1000 gallons. Scrubbed 15 barrels of water per hour, plus one barrel of oil.**

**Set bridge plug at 4210 feet. Perforated from 4108 to 4194, 4148 to 4164, with four shots per foot. Acidized with 500 gallons and followed with fracturing with 7000 gallons of heavy oil and 2 6000 pounds of sand.**

**38 barrels of oil per day.**

Result of Production Stimulation.....

..... Depth Cleaned Out.....

**CORD OF DRILL-STEM AND SPECIAL TI**

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

**TOOLS USED**

Rotary tools were used from 0 feet to 4282 feet, and from ..... feet to ..... feet.  
 Cable tools were used from ..... feet to ..... feet, and from ..... feet to ..... feet.

**PRODUCTION**

Put to Producing April 20, 1936  
 OIL WELL: The production during the first 24 hours was 36 barrels of liquid of which 100 % was oil; ..... % was emulsion; ..... % water; and ..... % was sediment. A.P.I. Gravity.....  
 GAS WELL: The production during the first 24 hours was ..... M.C.F. plus ..... barrels of liquid Hydrocarbon. Shut in Pressure..... lbs.  
 Length of Time Shut in.....

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

**Southeastern New Mexico**

**Northwestern New Mexico**

- |                           |                     |                            |
|---------------------------|---------------------|----------------------------|
| T. Anhy.....              | T. Devonian.....    | T. Ojo Alamo.....          |
| T. Salt.....              | T. Silurian.....    | T. Kirtland-Fruitland..... |
| B. Salt.....              | T. Montoya.....     | T. Farmington.....         |
| T. Yates.....             | T. Simpson.....     | T. Pictured Cliffs.....    |
| T. 7 Rivers.....          | T. McKee.....       | T. Menefee.....            |
| T. Queen.....             | T. Ellenburger..... | T. Point Lookout.....      |
| T. Grayburg.....          | T. Gr. Wash.....    | T. Mancos.....             |
| T. San Andres <u>4211</u> | T. Granite.....     | T. Dakota.....             |
| T. Glorieta.....          | T. ....             | T. Morrison.....           |
| T. Drinkard.....          | T. ....             | T. Penn.....               |
| T. Tubbs.....             | T. ....             | T. ....                    |
| T. Abo.....               | T. ....             | T. ....                    |
| T. Penn.....              | T. ....             | T. ....                    |
| T. Miss.....              | T. ....             | T. ....                    |

**FORMATION RECORD**

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	344	344	Surface				
344	1300	956	Red Bed				
1300	1667	367	Red Bed & Anhydrite				
1667	2757	1090	Anhydrite & Salt				
2757	3703	946	Anhydrite & Gyp				
3703	3889	186	Anhydrite, Gyp & Lime				
3889	4083	194	Anhydrite & Lime				
4083	4118	35	Lime				
4118	4282	164	Lime & Sand				
4282	Total Depth						

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

**Artesia, New Mexico. May 2, 1936**

Company or Operator John A. Yates Address Box 1267, Artesia, New Mexico.  
 Name Wala Bonds Position or Title Bookkeeper

Drill Stem Tests on John A. Yates,  
Shell-State No. 2, Located in NW $\frac{1}{4}$  SE $\frac{1}{4}$   
(Unit J) Section 23, T. 18 S., R. 37 E.,  
Hobbs Field, Lea County, New Mexico.

- Test No. 1. April 10, 1956, from 4240 to 4262. Misrun.  
Bridge in hole. Tried to open tool and plugged  
perforations.
- Test No. 2. April 12, 1956, from 4240 to 4282. Tool open 1  
hour and 30 minutes. Closed in 15 minutes.  
Opened Tool with strong blow. Gas to surface in  
2 minutes. Slight oil and heavy gas cut sulphur  
water in 1 hour. Recovered 1185' of sulphur water  
and 75' free oil.

Part I (Section 1) has been revised to include  
the information that was previously in Part I  
(Section 1) and to be consistent with the  
revisions in Part II.

Part II (Section 2) has been revised to include  
the information that was previously in Part II  
(Section 2) and to be consistent with the  
revisions in Part I.

Part III (Section 3) has been revised to include  
the information that was previously in Part III  
(Section 3) and to be consistent with the  
revisions in Part I and Part II.